

Chemistry	Group-II	Paper-I
Time: 15 Minutes	(Objective Type)	Max. Marks: 12

Note: Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink in the answer-book. Cutting or filling two or more circles will result in zero mark in that question.

- 1-1- The molar mass of  $H_2SO_4$  is:
- (a) 9.8 amu                      (b) 98 amu  
(c) 98 gm  $\checkmark$                       (d) 9.8 gm
- 2- Which one of the following scientists discovered proton:
- (a) J.J. Thomson                      (b) Goldstein  $\checkmark$   
(c) Rutherford                      (d) Neil Bohr
- 3- The number of elements present in third period of modern periodic table is:
- (a) 2                      (b) 8  $\checkmark$   
(c) 18                      (d) 32
- 4- In halogens, which has high electronegativity element:
- (a) Iodine                      (b) Bromine  
(c) Chlorine                      (d) Fluorine  $\checkmark$
- 5- The bond formed between two non-metals is expected to be:
- (a) Metallic bond                      (b) Covalent bond  $\checkmark$   
(c) Ionic bond                      (d) Coordinate covalent bond
- 6- Ice floats on water because:
- (a) Ice is amorphous in nature  
(b) Ice is denser than water  
(c) Water molecules move more randomly  
(d) Water is denser than ice  $\checkmark$

- 7- One atmospheric pressure is equal to Pascals:  
(a) 10325 (b) 101325 ✓  
(c) 10523 (d) 106075
- 8- Which one of the following is suspension:  
(a) Milk of magnesia ✓  
(b) Sugar solution  
(c) Ink (d) Milk
- 9- Mist is an example of:  
(a) Liquid in gas ✓ (b) Gas in liquid  
(c) Solid in gas (d) Gas in solid
- 10- The spontaneous reaction takes place in a cell:  
(a) Nelson cell (b) Down's cell  
(c) Electrolytic cell (d) Galvanic cell ✓
- 11- Which one of following solution is non-electrolyte:  
(a) Solution of  $H_2SO_4$  (b) Sugar solution ✓  
(c) Lime solution (d) Solution of NaCl
- 12- The most abundant metal is:  
(a) Aluminium ✓ (b) Gold  
(c) Silver (d) Platinum